EVD-150/360

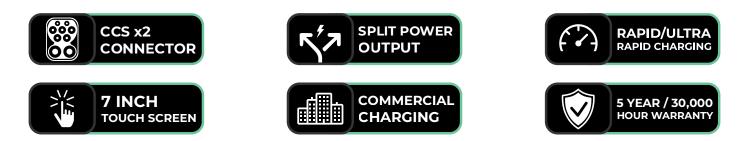## Modular 150kW - 360kW EV Ultra-Rapid Charger [CCSx2]

PROJECT EV

The Future of EV Charging

The 150-360 kW DC Charger takes a modular approach to commercial charging, having multiple outputs tailored for your requirements, these are:

- **150kW EV Charger**
  [Configurations: 1x150kW or 2x75kW]
- **180kW EV Charger**
  [Configurations: 1x180kW or 2x90kW]
- **300kW EV Charger**
  [Configurations: 1x180kW or 2x150kW]
- **360kW EV Charger**
  [Configurations: 1x180kW or 2x180kW]

The EVD-150/360-CC is a large capacity ultra-rapid DC charger, with dual CCS charging outlets. With it's high power output, it's perfect for commercial charging application. Being fully compatible with the Project EV Pro App, allows for easy fleet and cost management, as well as being able to manage load balancing for larger scale charging across multiple vehicles.

- **CCS x2 CONNECTOR**
- **SPLIT POWER OUTPUT**
- **RAPID/ULTRA RAPID CHARGING**
- **7 INCH TOUCH SCREEN**
- **COMMERCIAL CHARGING**
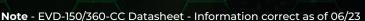- **5 YEAR / 30,000 HOUR WARRANTY**

METHODS OF CONTROL

Plug & Charge - Project EV's ethos is to make charging electric vehicles easy and stress free for all. With the Plug and Play mode you do not require any additional software or applications to control your EV charge point, you simply plug your car into a Project EV device, and the charge begins.

RFID - RFID Mode Charging is an easy simple way for uses to control their EV Charge Point with a swipe of a card. One RFID card is supplied as standard, however extra cards can be supplied for those interested in public charging.

Project EV App - The FREE Project EV App allows you to choose and customise charging rates, prioritise off-peak charging to maximise savings (including via a solar charging mode) and create charging records; so you can see and control all your data.

Project EV Pro App - The Project EV Pro App is a unique EV charging platform, providing you the ability to utilise public charging capabilities and manage and control multiple chargers - from which you can generate a fluid revenue stream.

ANDROID APP ON Google play   Download on the App Store

	EVD-150D	EVD-180D	EVD-300D	EVD-360D
Input & Output				
Input Voltage	340-460V AC	340-460V AC	340-460V AC	340-460V AC
Rated Input Voltage	400V AC	400V AC	400V AC	400V AC
Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz
DC Plug Type	CCS Type 2, double plugs	CCS Type 2, double plugs	CCS Type 2, double plugs	CCS Type 2, double plugs
Output Voltage Range	200-1000V DC	200-1000V DC	200-1000V DC	200-1000V DC
Max. Output Power	150kW	180kW	300kW	360kW
Max. Output Current	Single connectors MAX: 200A	Single connectors MAX: 200A	Double connectors MAX: 200A+200A	Double connectors MAX: 200A+200A
Voltage Accuracy	≤±0.5%	≤±0.5%	≤±0.5%	≤±0.5%
Current Accurancy	≥30A: ≤±1% ; <30A: ≤±0.3A	≥30A: ≤±1% ; <30A: ≤±0.3A	≥30A: ≤±1% ; <30A: ≤±0.3A	≥30A: ≤±1% ; <30A: ≤±0.3A
Voltage-Regulating Accuracy	≤±0.5%	≤±0.5%	≤±0.5%	≤±0.5%
Current-Regulating Accuracy	≤±1%	≤±1%	≤±1%	≤±1%
Ripple Coefficient	RMS: ≤±0.5%; Peak: ≤±1%	RMS: ≤±0.5%; Peak: ≤±1%	RMS: ≤±0.5%; Peak: ≤±1%	RMS: ≤±0.5%; Peak: ≤±1%
Metering Accuracy	0.5%	0.5%	0.5%	0.5%
Efficiency	≥97%	≥97%	≥97%	≥97%
Cable Length	5m	5m	5m	5m
Protection				
Over Voltage Protection	✓	✓	✓	✓
Under Voltage Protection	✓	✓	✓	✓
Over Load Protection	✓	✓	✓	✓
Leakage Current Protection	✓	✓	✓	✓
Over-Temp Protection	✓	✓	✓	✓
Short Circuit Protection	✓	✓	✓	✓
Lightning Protection	✓	✓	✓	✓
Function & Accessory				
Display	7 inch touch screen	7 inch touch screen	7 inch touch screen	7 inch touch screen
Ethernet/WIFI/4G	Yes/Yes/Opt	Yes/Yes/Opt	Yes/Yes/Opt	Yes/Yes/Opt
Charging Mode	APP/RFID/ Plug and Charge	APP/RFID/ Plug and Charge	APP/RFID/ Plug and Charge	APP/RFID/ Plug and Charge
Indicator	✓	✓	✓	✓
Emergency Stop	✓	✓	✓	✓
Charging Cable Balancer	✓	✓	✓	✓
Working Environment				
Protection Degree	IP54	IP54	IP54	IP54
Operating Temperature	-25℃ ~+55℃	-25℃ ~+55℃	-25℃ ~+55℃	-25℃ ~+55℃
Relative Humidity	5%-95% non-condensing	5%-95% non-condensing	5%-95% non-condensing	5%-95% non-condensing
Maximum Altitude	2000m	2000m	2000m	2000m
Cooling	Forced air cooling	Forced air cooling	Forced air cooling	Forced air cooling
Standby Power Consumption	<30W	<30W	<45W	<45W
Noise Emission	≤65db	≤65db	≤65db	≤65db
Mechanical				
Dimension (W/H/D)	1190/2200/1000mm	1190/2200/1000mm	1190/2200/1000mm	1190/2200/1000mm
Weight	800kg	1000kg	1600kg	1800kg
Certificate				
Certificate	CE	CE	CE	CE

1190

1000

2200

1190

1000